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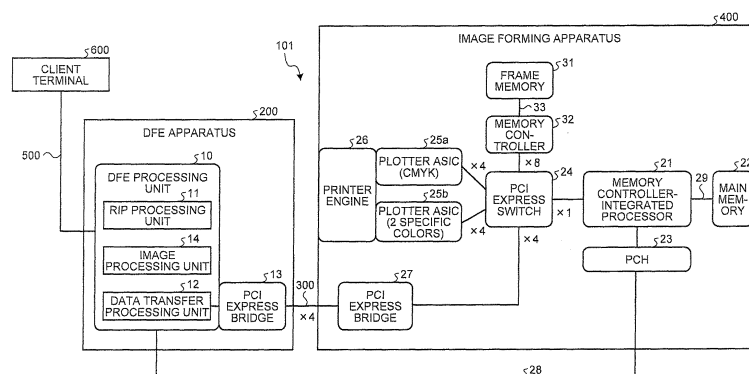
(84) Designated Contracting States: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR Designated Extension States: BA ME (30) Priority: 05.01.2011 JP 2011000683 02.03.2011 JP 2011045745 (71) Applicant: Ricoh Company, Ltd. Tokyo 143-8555 (JP) (72) Inventors: • Ikeda, Junichi Tokyo, 143-8555 (JP) • Terao, Noriyuki Tokyo, 143-8555 (JP)	• Numakura, Satoru Tokyo, 143-8555 (JP) • Takahashi, Hiroyuki Tokyo, 143-8555 (JP) • Satoh, Tetsuya Tokyo, 143-8555 (JP) • Takeo, Koji Tokyo, 143-8555 (JP) • Yamamoto, Hideaki Tokyo, 143-8555 (JP) • Suzuki, Mitsuru Tokyo, 143-8555 (JP) (74) Representative: Schwabe - Sandmair - Marx Patentanwälte Rechtsanwälte Partnerschaft mbB Joseph-Wild-Straße 20 81829 München (DE)
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(54) **Image forming apparatus and image forming system**

(57) An image forming apparatus (400) receives raster image data transferred from an external device (200) and forms an image on the basis of the received raster image data. The apparatus includes a processor (21) that controls a transfer of the raster image data from the external device, a first memory (22) connected to the processor through a first bus (29) is used as a working area of the processor, a second memory (31) that stores the raster image data, a memory control unit (32) con-

nected to the second memory through a second bus (33) controls an operation of writing and reading the raster image data in and from the second memory, a printer engine (26) that forms an image on the basis of the raster image data, and an engine control unit (25) that reads the raster image data from the second memory through the memory control unit and supplies the printer engine with the read raster image data.

FIG.10





EUROPEAN SEARCH REPORT

 Application Number
 EP 12 15 0029

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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC) G06K H04N
Place of search		Date of completion of the search	Examiner
Munich		19 July 2017	Geiger, Hans-Walter
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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